

ROGUSKI, Jan; GEMBICKI, Maciej; MAGAS, Stanislaw

Erythrocyte survival time in patients with chronic cardiopulmonary syndrome. Polskie arch. med. wewn. 32 no.4:337-342 '62.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu Kierownik: prof.  
dr med. J. Roguski.  
(ERYTHROCYTES) (PULMONARY HEART DISEASE blood)

GEMBICKI, Maciej

Electrophoretic examination of proteins in transudates, exudates  
and serum in various pathological conditions. Polski tygod. lek.  
17 no.25:981-986 18 Jo 1962.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu; kierownik: prof.  
dr J. Roguski.

(ELECTROPHORESIS)

(PROTEINS chem)

(EXUDATES AND TRUDATES chem)

(BLOOD PROTEINS chem)

GEMBICKI, Maciej ; KRASNIK, Witold

Acute myelocytic leukemia in a female patient with hyper-  
thyroidism treated with ionizing radiations. Pol. tyg.lek.  
18 no.48:1815-1817 25 N°63

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu; kierow-  
nik: prof.dr. Jan Roguski.

\*

GEMBICKI, Maciej

Critical evaluation of the use of iodine isotopes in the treatment of hyperthyroidism. Pol. arch. med. wewnet. 34 no.6:726-729 '64.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Poznaniu (Kierownik: prof. dr. J. Roguski).

GEMBICKI, Mieczysław

Clinical value of radio-mediography. Pol. arch. med. wewn. 31  
no.6:746-747 1962

1. Z. H. Kłimek (nac. b. Geometyczny 1. Akademii Medycznej,  
Warszawa (Kier. kated. prof. dr. J. Fajlski).

GRACZYKOWSKI, ALICJA; GEMICKI, Pawel; ADAM, Wlodzimierz

Thyroid function in simple obesity. Pol. tygod. lek. 20 no.22:  
788-791 31 May '65.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu (Kierownik:  
prof. dr. Jan Roguski).

MULAREK, Jan; GEMBICKI, Maciej

Thyroid function in progressive muscular dystrophy. Pat. Pol.  
16 no.3:297-303 J1-S ' 65.

1. Z Kliniki Neurologicznej AM w Poznaniu (Kierownik: doc. dr.  
med. M. Wender) i z II Kliniki Chorob Wewnętrznych AM w Poz-  
naniu (Kierownik: prof. dr. med. J. Rogulski).

REZNIKOV, S.M.; GEMBITSKAYA, Ye.V.

Organization of preclinical surgical practice; experience gained  
at the Medical School of the Academy of Medical Sciences of the  
U.S.S.R. Med. sestra 20 no.12:46-50 D '61. (MIRA 15:3)  
(SURGERY—STUDY AND TEACHING)



GEMBITSKIY, A.S. [Hembytsky, A.S.]

*Ixodes arboricola* P. Sch. et Schl., a new species of ixodid ticks  
in the White Russian S.S.R. Vestsi AN BSSR. Ser. biol. nav.  
no.1:134 '65. (MIRA 18:5)

GLUKHOVA, V.M.; GEMBITSKIY, A.S.

Biting midges of the genus *Culisoides* (Diptera, Heleidae) from bird nests. Dokl. AN BSSR 9 no.1:65-68 Jn '65.

(MIRA 18:10)

1. Otdel zoologii i parazitologii AN BSSR.

OSOKINA, D. N.; GEMBITSKIY, L. S.

Cellulose acetate gels as optically-active elastic material  
for investigating stresses in models deforming under their  
own weight. Koll. zhur. 24 no. 6:724-732 N-D '62.  
(MIRA 16:1)

1. Saratovskiy universitet, kafedra fiziko-khimii polimerov i  
Institut fiziki zemli AN SSSR, Moskva.

(Cellulose acetates—Optical properties)  
(Strains and stresses)

GEMBITSKIY, L.S.; GLIKMAN, S.A.

Dynamic and optical properties of acetyl cellulose gels in  
benzyl alcohol. Koll. zhur. 27 no.2:172-177 Mr-p '65.  
(MIRA 18:6)

1. Saratovskiy universitet, kafedra fiziko-khimi polimerov.

AUTHORS: Levina, R. Ya., Kaykaris, P. A., SOV/79-28-10-4/60  
Gambitskiy, P. A.

TITLE: Synthesis of Hydrocarbons (Sintez uglevodorodov) LXVII.  
Hydrocarbons  $C_{12}$ , With One or Two Quaternary Carbon Atoms  
(LXVII. Uglevodorody  $C_{12}$  s odnim i dvumya chetvertichnymi  
atomami ugleroda)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 10,  
pp 2025 - 2028 (USSR)

ABSTRACT: In the paper under discussion, the primary hydrobromide  
of isoprene (I) is applied to the synthesis of  
ethylene- and paraffin hydrocarbons of the compositions  
 $C_{12}H_{24}$  and  $C_{12}H_{26}$ . In the reaction of the hydrobromide  
of isoprene with 2-magnesiumchloro-2-methylhexane, an  
alkene with a quaternary carbon atom, 2,5,5-trimethyl-  
nonane-2 (III), was obtained. Its hydration yielded  
2,5,5-trimethylnonane (IV). From the reaction of the iso-  
prene hydrobromide with 3-magnesiumchloro-2,2,3-tri-  
methylbutane, an ethyl hydrocarbon  $C_{12}H_{24}$  (V) with two

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Synthesis of Hydrocarbons. LXVII. Hydrocarbons  $C_{12}$   
With One or Two Quaternary Carbon Atoms

SOV/79-28-10-4760

adjacent quaternary carbon atoms was obtained. Its hydration furnished the compound (VI). Isomeric alkenes and alkanes of this kind had so far remained unknown. The yields of the two isomeric alkenes (III and V) amounted to 8 and 7% only, a fact which can be explained by side processes (Ref 3). The attempt to achieve the synthesis of the  $C_{14}H_{28}$  hydrocarbons with three adjacent quaternary carbon atoms (VIII) was unavailing, as this branched structure involves difficulties of spatial arrangement. There are 11 references, 9 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: August 19, 1957  
Card 2/2

5 (3)

AUTHORS:

Levina, R. Ya., Kostin, V. N.,  
Gembitskiy, P. A.

307/79-29-7-80/83

TITLE:

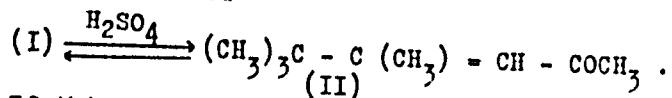
Letter to the Editor (Pis'mo v redaktsiyu). On the Photochemical Isomerization of Vinyl Ketones Into Allyl Ketones (O foto-khimicheskoy izomerizatsii vinilketonov v allilketony)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2456-2458 (USSR)

ABSTRACT:

The acylation of triptene (2,2,3-trimethyl butene-3) with acetic anhydride in the presence of phosphoric acid yielded the unsaturated ketone, with a  $\beta,\gamma$ -position of the double bond with respect to the carbonyl group, the 2,2-dimethyl-3-methylene hexanone-5 (I) (Scheme 1). On standing for some months the ketone (I) isomerized to form the 2,2,3-trimethyl-hexen-3-one-5 (II), under rearrangement of the double bond. An equilibrated mixture of the ketone (I) and its isomerization product (II) is there formed



Card 1/2

If this resulting equilibrated mixture of the isomeric unsaturated ketones is irradiated with ultraviolet light in

Letter to the Editor. On the Photochemical Isomerization SOV/79-29-7-80/83  
of Vinyl Ketones Into Allyl Ketones

quartz, its  $\alpha,\beta$ -form, the vinyl ketone (II), isomerizes completely to produce the initial  $\beta,\gamma$ -form, the allyl ketone (I):  $[(II) \rightarrow (I)]$ . In this way a pure  $\beta,\gamma$ -unsaturated ketone, the 2,2-dimethyl-3-methylone hexanone-5 is formed from the mixture of the  $\alpha,\beta$ - and  $\beta,\gamma$ -unsaturated ketones. In order to clarify whether this photochemical isomerization of the vinyl into the allyl ketones is of general nature, 1-acetyl cyclohexene-1 was likewise irradiated; about the half of this compound was found to be isomerized into the 1-acetyl-cyclohexene-2 (Scheme 3). Thus the vinyl ketones isomerize by a photochemical process completely or partially to give the allyl ketones. There are 2 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: March 24, 1958

Card 2/2



AUTHOR:

Levine, R. Y., Levine, R. H., Kamibayashi, T. A.,  
Friedman, J. A.

TITLE:

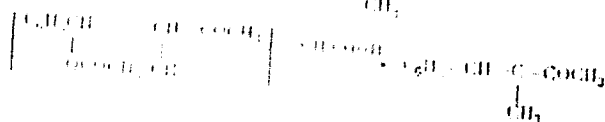
Cyclopropane and cyclopropane. V. Acylation of  
cyclopropane.

PERIODICAL:

Journal of Organic Chemistry, 1969, Vol. 34, No. 3,  
pp. 661-670 (1969)

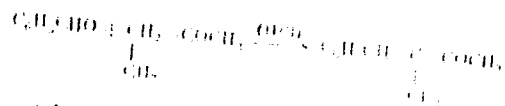
ABSTRACT:

Reaction of the cyclopropane ring in propyl-  
cyclopropane, in acylation with acetyl anhydride  
in the presence of phosphoric acid, was studied.  
The reaction proceeds through isomerization of  
cyclopropane into allene, which on further acylation  
yields an unsaturated ketone, 1-buten-3-one  
(yield 30.1%), mp 30.5°C,  $\text{CH}_3\text{CH}=\text{CH}-\text{C}(=\text{O})\text{CH}_3$ .



Chem. 1, 1

All other cyclopropane derivatives. The structure of the prepared 1,1,1,3,3,3-hexachloro-2,2-dimethyl-2-phenyl-1-aziridine.



Isomerization of phenylcyclopropane and 1,1,2,2-tetramethylcyclopropane in acetic anhydride in the presence of phosphoric acid yields propenylbenzene and 2,3,5-trimethylbenzene, bp 162° (74° mm),  $n_D^{20}$  1.4630, respectively. This constituted a retrolytic cleavage of the cyclopropane ring.



Chem 2/4



1. Title: ...  
2. Author: ...

1000  
SOV/70-50-3-27/69

Soviet, 2 U.S., 2 U.K., 1 French, 1 German. The U.S. and U.K. references are: Hart, H., Curtis, O. E., Jr., J. Am. Chem. Soc., 79, 231 (1957); Sakai, Dev, Chem. and Ind., 1071 (1954); Hartough, H., Kosak, A., J. Am. Chem. Soc., 69, 3013 (1947); Perkin, W. R., J. Chem. Soc., 69, 1000 (1935).

ASSOCIATION: Moscow State University (Moskovskiy gosudarstvennyy universitet)

SUBMITTED: March 31, 1959

Card 4/4

LEVINA, R.Ya.; KOSTIN, V.N.; QEMBITSKIY, P.A.; SHOSTAKOVSKIY, S.M.;  
TRESHCHEVA, Ye.G.

Cyclopropylmesitylene and *p*-cyclopropylcumene. Zhur.ob.  
khim. 30 no.7:2435-2436 J1 '60. (MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet.  
(Mesitylene) (Cumene)

84886

5 3300 only 2209, 1236

S/079/60/030/010/029/030  
B001/B066AUTHORS: Levina, R. Ya., Kostin, V. N., Gembitskiy, P. A., and  
Shostakovskiy, S. M.TITLE: New Hydrocarbons of the Cyclopropane SeriesPERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 10,  
pp. 3502 - 3503

TEXT: The authors continued their investigations on cyclopropanes (Refs. 1 and 2) by synthesizing some new compounds of this series. By partial reduction of phenyl- and p-tolyl cyclopropane with sodium (in liquid ammonia) and methyl alcohol, 1-cyclopropyl-cyclohexadiene-1,4 and 1-methyl-4-cyclopropyl-cyclohexadiene-1,4 were synthesized. The subsequent catalytic hydrogenation of the double bonds in 1-cyclopropyl-cyclohexadiene-1,4 (on a copper-chromium catalyst at a pressure of 100 atm) at 95° and 125° gave cyclopropyl-cyclohexene-1 and, later, cyclopropyl-cyclohexane; the latter was also obtained by methylenation (Ref.3) of vinyl cyclohexane. p-cyclopropyl styrene and p-cyclopropyl-isopropenyl benzene were, accordingly, synthesized by dehydration of

Card 1/2

84886

New Hydrocarbons of the Cyclopropane Series S/079/60/030/010/029/030  
B001/B066

methyl- and dimethyl-p-cyclopropyl-phenyl carbinols (both carbinols were obtained from p-cyclopropyl-acetophenone). p-dicyclopropyl benzene resulted both from p-cyclopropyl acetophenone, according to the stepwise reactions of Mannich and Kizhner (Ref.4), and from p-cyclopropyl styrene by methylenation (Ref.3). The constants of the resultant hydrocarbons are tabulated. There are 1 table and 4 references: 3 Soviet and 1 US. ✓

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: June 13, 1960

Card 2/2

LEVINA, R. Ya.; KOSTIN, V.N.; GEMBITSKIY, P.A.; TRESHCHOVA, Ye. G.

Cyclopropanes and cyclobutanes. Part 17: Reduction of arylcyclopropanes by metals and methyl alcohol in liquid ammonia.  
Zhur. ob. khim. 31 no.3/829-836 Mr '61. (MIRA 14:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.  
(Cyclopropane)



LEVINA, R.Ya.; KOSTIN, V.N.; GEMBITSKIY, P.A.; VINOGRADOV, A.D.

Reactions of cyclopropane hydrocarbons with mercury oxide salts.  
Part 12:  $\gamma$ -Mercurated alcohols from 1,1-dimethyl-2-alkylcyclo-  
propanes. Vest. Mosk. un. Ser. 2:Khim. 16 no.1:67-68 Ja-F '61.  
(MIRA 14:4)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.  
(Mercury organic compounds)

LEVINA, R.Ya.; KOSTIN, V.N.; GEMBITSKIY, P.A.; SHOSTAKOVSKIY, S.M.

New hydrocarbons of the cyclopropane series. Zhur.ob.khim. 30  
no.10:3502-3503 0 '61. (MIRA 14:4)

1. Moskovskiy gosudarstvennyy universitet.  
(Cyclopropane)

LEVINA, R. Ya.; KOSTIN, V.N.; GEMBLISKIY, P.A.; SHOSTAKOVSKIY, S.M.;  
TRESHCHOVA, Ye.G.

Cyclopropanes and cyclobutanes. Part 18: *p*-Cyclopropylcumene  
and *p*-isopropenylcumene. Zhur. ob. khim. 31 no.4:1185-1190  
Ap '61. (MIRA 14:4)

1. Moskovskiy gosudarstvennyy universitet.  
(Benzene)

LEVINA, R.Ya.; GEMBITSKIY, P.A.

Bromination and acylation of phenylcyclopropane. Zhur.ob.khim.  
31 no.10:3480-3481 0 '61. (MIRA 14:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.  
(Benzene) (Bromination) (Acylation)

TSYBIKOVA, D.TS., kand. khim. nauk; GEMBITSKIY, P.A., kand. khim. nauk;  
GUSEVA, A.P.

Hammet equation and its application in organic chemistry. Trudy  
VSTI no.1:39-65 '62. (MIRA 17:11)

GEMBITSKIY, P. A.; LEVINA, R. Ya.

Unsaturation of trimethylene ring and its conjugation with  
multiple bonds. Vest. Mosk. un. Ser. 2: Khim. 16 [i.e. 17],  
no. 6: 3-31 N-D '62. (MIRA 16:1)

1. Kafedra organicheskoy khimii Moskovskogo universiteta.

(Cyclopropane) (Chemical structure)  
(Unsaturated compounds)

LEVINA, R.Ya.; KOSTIN, V.N.; GEMBITSKIY, P.A.; SHOSTAKOVSKIY, S.M.;  
TRESHCHOVA, Ye.G.

Cyclopropanes and cyclobutanes. Part 24: Cyclopropylmesitylene.  
Zhur.ob.khim. 32 no.5:1377-1382 My '62. (MIRA 15:5)

1. Moskovskiy gosudarstvennyy universitet.  
(Mesitylene)

LEVINA, R.Ya.; GEMBITSKIY, P.A.; KOSTIN, V.N.; TRESHCHOVA, Ye.G.

Cyclopropanes and cyclobutanes. Part 27: Cyclopropylalkylbenzenes.  
Zhur.ob.khim. 33 no.2:359-365 F '63. (MIRA 16:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.  
(Benzene) (Cyclopropyl group)



LEVINA, R.Ya.; GEMBITSKIY, P.A.; KOSTIN, V.N.; SHOSTAKOVSKIY, S.M.;  
TRESHCHOVA, Ye.G.

Cyclopropanes and cycloputanes. Part 28: p-Acetylphenyl-  
cyclopropane in the synthesis of para-substituted cyclopropyl-  
benzenes. Zhur.ob.khim. 33 no.2:365-371 F '63. (MIRA 16:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.  
(Acetophenone) (Benzene derivatives)

LEVINA, R.Ya.; GEMBITSKIY, P.A.; TRESHCHOVA, Ye.G.

Cyclopropanes and cyclobutanes. Part 29: Bromination of  
arylcyclopropanes. Zhur.ob.khim. 33 no.2:371-376 P '63.  
(MIRA 16:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.  
(Cyclopropane) (Bromination)

MAZHEYKO, I.B.; GILLER, S.A.; GEMBITSKIY, P.A.; LEVINA, R.Ya.

Dipole moments of some derivatives of phenylcyclopropane.  
Zhur. ob. khim. 33 no.5:1698-1699 My '63. (MIRA 16:6)

1. Institut organicheskogo sinteza AN Latvyskoy SSR i  
Moskovskiy gosudarstvennyy universitet imeni Lomonosova.  
(Benzene—Dipole moments)

LEVINA, R.Ya.; LOYM, N.M.; GEMBITSKIY, P.A.

p-Cyclopropylbenzaldehyde. Zhur.ob.khim. 33 no.6:2074-2075  
Je '63. (MIRA 16:7)

1. Moskovskiy gosudarstvennyy universitet.  
(Benzaldehyde) (Cyclopropyl group)

LEVINA, R.Ya.; GEMBITSKIY, P.A.; GUSEVA, L.P.; AGASYAN, P.K.

Cyclopropanes and cyclobutanes. Part 36: Evaluation of the reactivity  
of aryl cyclopropanes with the aid of Gammett equations. Zhur.ob.khim.  
34 no.1:146-151 Ja '64. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.

ZHUK, D.S.; GEMBITSKIY, P.A.; KARGIN, V.A.

Advances of polyethylenimine chemistry. Usp. khim. 34 no.7:  
1249-1271 31 '65. (HRA 18:7)

1. Institut neftekhimicheskogo sinteza AN SSSR.

GEMBITSKIY, Ye.V. (Leningrad).

Clinical aspects of primary hypotension. Klin.med. 31 no.7:35-42 J1 '53.  
(MLA 6:9)  
(Hypotension)

GEMBITSKIY, Ye.V.; KOSTYUCHENOK, V.V.(Leningrad)

Acute erythremia. Klin.med.33 no.7:64-69 J1 '55.(MLRA 8:12)

1. Iz kafedry gosspital'noy terapii (nach-chlen-korrespondent  
AMN SSSR prof. N.S.Molchanov) Voenno-meditsinskoy ordena  
Lenina akademii imeni S.M.Kirova)  
(POLYCYTHEMIA VERA  
erythemic myelosis)



GEMBITSKIY, Ye.V., kandidat meditsinskikh nauk, podpolkovnik meditsinskoy  
sluzhby; MATYUSHICHENY, I.A., mayor meditsinskoy sluzhby

Spontaneous pneumothorax of nontuberculous etiology. Voen.-med.  
zhur. no.10:52-54 O '56. (MLRA 10:3)  
(PNEUMOTHORAX)

GEMBITSKIY, Ye.V., polkovnik med.slushby, kand.med.nauk

Fourteenth All Union Congress of Therapists. Voen.-med.shur.  
no.11:3-10 N'56 (MIRA 12:1)  
(CARDIOVASCULAR SYSTEM--DISEASES)

GEMBITSKIY, Ye.V., polkovnik med.sluzhby

Problems in the treatment of hypertension. Voen.-med.zhur. no.10:  
93-94 0 '58. (MIRA 12:12)  
(HYPERTENSION, ther.  
(Rus))

OLSHANSKIY, Ye.Y.

Hypnosis in the clinical treatment of internal diseases. Sov.med.  
22 no.1:69-74 Ja '58. (MIRA 11:4)

1. Iz kliniki gosptal'noy terapii (nachal'nik - chlen-korrespon-  
dent Akademii meditsinskikh nauk SSSR prof. N.S.Molchanov)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.  
(HYPNOSIS, ther. use  
internal dis. (Rus))

GEMBITSKIY, Ye.V., kand.med.nauk; SOBOLEV, P.I.; BERLINER, G.B.

Clinical course and treatment of acute luminal poisoning. Sov.  
med. 23 no.7:102-106 J1 '59. (MIRA 12:11)  
(PHENOBARBITAL toxicology)

GEMBITSKIY, Ye.V., polkovnik meditsinskoy sluzhby, kand.meditsinskikh nauk

Clinical aspects and treatment of diencephalitis. Voen.-med.  
zhur, no. 6:75-78 Je '60. (MIRA 13:7)

(DIENCEPHALON--DISEASES)

MOLCHANOV, Nikolay Semenovich; IVANOVSKIY, B.D., red. [deceased]; GEMBITSKIY, Ye.V., red.; CHUNAYEVA, Z.V., tekhn. red.

[Treatment in the field; manual for students of medical institutions and for physicians] Voennno-polevaia terapiia; rukovodstvo dlia studentov medvuzov i vrachei. Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr. otdnie, 1961. 234 p.

(MEDICINE, MILITARY—HANDBOOKS, MANUALS, ETC.)

(MIRA 14:7)

GEMBITSKIY, Ye.V., dotsent

Clinical and therapeutic problems in spontaneous pneumothorax of  
non-tuberculous etiology. Sov. med. 25 no.10:11-16 0 '61.

(MIPA 15:1)

1. Iz kafedry voyenno-polevoy terapii (nachal'nik - prof. B.D.Ivanovskiy  
[deceased]) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.  
(PNEUMOTHORAX)



GEMBITSKIY, Ye.V., kand.med. nauk; BRODSKAYA, S.I. (Leningrad)

Prevention of rheumatic fever. Klin. med. 40 no.11:85-89 N°62  
(MIRA 16:12)

1. Iz kafedry gosspital'noy terapii Voenno-meditsinskoy orde-  
na Lenina akademii imeni S.M.Kirova (nachal'nik - deystvitel'-  
nyy chlen AMN SSSR prof. N.S. Molchanov) I leningradskoy ob-  
lastnoy klinicheskoy bol'nitsy (glavnyy vrach V.N. Sukhobskiy).

MOLCHANOV, Nikolay Semenovich, prof., red.; VAL'DMAN, Viktor Aleksandrovich, zasl. deyatel' nauki RSFSR, prof., red.; GEMBITSKIY, Ye.V., red.; LEBEDEVA, Z.V., tekhn. red.

[Rheumatism and rheumatoids; problems of pathogenesis, classification, morphology, clinical aspect, treatment and prevention] Revmatizm i revmatoidy; voprosy patogeneza, klassifikatsii, morfologii, kliniki, lecheniia i profilaktiki. Leningrad, Medgiz, 1963. 318 p.

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (MIRA 16:5)

(for Molchanov).

(RHEUMATIC FEVER)

GEMBOL', V. L.

Sep 52

USSR/Electricity - Motors, Fractional\*HP  
Process Control

"Automatic Controller APT-2 for Regulation of Current Density and Time in Galvanic Processes," Engr V. L. Gembol'

From Energet, No 9, pp 11-14

Describes automatic controller APT-2, dimensions 65x45x26 cm, for maintaining constant cd of galvanic baths (cd range 0.5 to 5 a/sq dm, current range 1 to 300 a). Includes 2.5-hr timer which rings bell. Timer is driven by CD-2, 220-v, 2-rpm synchronous motor. Current-stabilizing mechanism is actuated by 3-position balancing relay and a type UR-7M 24-v reversing dc motor.

253T35

TSVETKOV, Leonid Aleksandrovich; GEMBOREK, G.L., red.; KOZLOVSKAYA,  
M.D., tekhn.red.

[Organic chemistry experiments in the secondary school (methods  
and techniques); teacher's manual] Eksperiment po organicheskoi  
khimii v srednei shkole; metodika i tekhnika. Posobie dlia  
uchitelei. Izd.3., ispr. i dop. Moskva, Gos.uchebno-pedagog.  
izd-vo M-va prosv.RSSR, 1959. 277 p. (MIRA 13:11)  
(Chemistry, Organic--Experiments)

FINKEL'SHTEYN, Davyd Naumovich; GEMBOREK, G.L., red.; DZHATIYEVA, F.Kh.,  
tekhn.red.

[Competition between chemistry and nature; manual for students]  
Sorevnovanie khimii s prirodoi; posobie dlia uchashchikhsia.  
Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 285 p.  
(MIRA 13:2)

(Chemistry)

DIOGENOV, Gennadiy Gerasimovich; GEMBOREK, G.L., red.; KORNEYEVA, V.I.,  
tekhn.red.

[History of the discovery of the chemical elements] Istorii  
otkrytiia khimicheskikh elementov; kratkie ocherki. Moskva, Gos.  
uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 231 p.

(MIRA 13:11)

(Chemical elements)

KROFOTOV, Vladimir Nikolayevich; ODNORALOV, Nikolay Vasil'yevich;  
GEMBOREK, G.L., red.; DRANNIKOVA, M.S., tekhn. red.

[Work with plastics; student's manual] Raboty s plastiches-  
skimi massami; posobie dlia uchashchikhsia. Moskva, Gos.  
uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 61 p.  
(MIRA 15:3)

(Plastics)

CHERNAVIN, Aleksandr Stepanovich; GEMDOREK, G.L., red.; KARPOVA, T.V.,  
tekhn. red.

[Fundamentals of agricultural chemistry; reference book for  
teachers] Osnovy agrokhimii; posobie dlia uchitelei. Moskva,  
Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 219 p.  
(MIRA 15:3)

(Agricultural chemistry)



RESHETNIKOV, Aleksandr Vasil'yevich; GEMBOREK, G.L., red.; MAKAROVA,  
H.F., tekhn. red.

[Problems and exercises in chemistry for secondary schools; a  
manual for teachers] Sbornik zadach i uprazhnenii po khimii dlia  
srednei shkoly; posobie dlia uchitelei. Izd. 2., ispr. i dop.  
Moskva, Uchpedgiz, 1962. 92 p. (MIRA 15:12)  
(Chemistry—Problems, exercises, etc.)

LEVASHOV, Vladimir Ivanovich; GIMBOREK, G.L., red.; KOZLOVSKAYA,  
M.D., tekhn. red.

[Chemistry made interesting] Zanimatel'naiia khimiia. Mo-  
skva, Uchpedgiz, 1962. 131 p. (MIRA 15:7)  
(Chemistry)

HUNGARY

KRASNIK, W. Dr., GEMBRICZKY, M. Dr., MAGAS, S. Dr.; Medical Academy of Poznan, Second Internal Medicine Clinic (Poznan: Orvosi Akademia, II. Belklinika)\*Professor: ROGUSKI, J. Dr.

"P-32 Isotopes Treatment of Erythremia."

Budapest, Orvosi Hetilap, Vol 103, No 46, 18 Nov 62, pages 2184-2187.

Abstract: [Authors' summary] With the use of radioactive P-32 a considerable percentage of patients with erythremia showed clinical and hematological remission. The subjective improvement preceded the hematological gains. With careful and individual evaluation of the dosage no side effects were observed.

[This paper is published, as part of an exchange program, from the Polski Tygodnik Lekarski.]

[ 18 Western, 1 Soviet-bloc reference]

\*[Polish versions not given]

1/1

ACC NR: AT6033614

SOURCE CODE: HU/2502/65/043/002/0231/0236

AUTHOR: Foldesi, Istvan--Fel'deshi, I. (Doctor; Budapest); Gomory, Pal--Gomeri, P. (Budapest)

ORG: [Foldesi] Institute of General and Inorganic Chemistry, Eotvos Lorand University,  
Budapest (Eotvos Lorand Tudomanyegyetem, Altalanos es Szervetlen Kemiai Intozet);  
 [Gomory] Research Group for Inorganic Chemistry, MTA, Budapest (MTA, Szervetlen  
Kemiai Kutatocsoport)

TITLE: Alkylation with organopotassium compounds

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 231-236

TOPIC TAGS: alkylation, organomercury compound

ABSTRACT: Isopropylpotassium was prepared from diisopropylmercury with a K-Na alloy. The alkylating properties of the compound were examined with carbon dioxide and with compounds containing -Si-Cl and -Sn-Cl bonds. In petroleum ether the isopropyl group, in benzene the phenyl group was introduced successfully. An  $S_N1$  mechanism was followed by the alkylation reaction. Orig. art. has: 1 figures. [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07 / SUM DATE: 29Jun64 / OTH REF: 019

Card 1/1

GEMERI, Pal (Budapest)

Pathogenesis and treatment of malignant hypertension. Klin.med.  
36 no.4:38-45 Mar '58. (MIRA 11:4)

1. Direktor II terapeuticheskoy kliniki, Chlen-korrespondent  
Akademii nauk Vengrii.

(HYPERTENSION

malignant, pathogen. & ther. (Rus))

ROZENFEL'D L., kand.khim.nauk; GEMERLING, G., kand.tekhn.nauk; CHERNOV, A.,  
inzh.; KAPRANOV, V., inzh.; KUTINA, M., inzh.

Improving the manufacturing techniques for air-entrained fly ash  
concrete. Na stroi.Ros no.2:33-34 F '61. (MIRA 14:6)

(Air-entrained concrete)

GEMERSKY, Vavro, inz.

Spread and population density of the poplar borer (*Saperda carcharias* L.) in the central part of Velky ostrov Zitny.  
Les cas 9 no.9:799-810 S'63.

1. Vyskumny ustav lesneho hospodarstva, Banska Stiavnica.

LEONTOVYC, Roman, inz.; GEMERSKY, Vavro, inz.

Remarks on the decay of poplars after pruning. Les cas 10 no.9:  
811-818 3 '64.

1. Research Institute of Forestry, Banaka Stiavnica.



GEES, F.

Influence of the blast furnace on economical production. p.469

KOHASZATI LAPOK. (Magyar Banyaszati es Kohasziati Egyesulet)  
Budapest, Hungary  
Vol. 13, no.10/11, Oct./Nov. 1958

Monthly List of East European Accessions (EEAI) IC., Vol. 8, no.7, July 1959  
Uncl.

GENES, F.

Influence of blast furnace operations on economical production. p.548

KOHASZATI LAPOK. (Magyar Banyaszati es Kohasziati Egyesulet)  
Budapest, Hungary  
Vol. 13, no. 12, Dec. 1958

Monthly List of East European Accessions (EEAI) IC., Vol. 6, no.7, July 1959  
Uncl.

GEMES, Ferenc

Distribution of the internal pressure of charged materials in the blast furnace. Koh lap 93 no: 9:408-414 S '60.

1. Dunai Vasmu.

GEMES, Ferenc, okleveles vaskohomernok

Effect of blast furnace working on economical production. Koh  
lap 91 no.12:548-554 D '58.

1. Dunai Vasmu.

FEN'VESH, E.; GEMESHI, T.; NEMET, F.; SHANDOR, T.; GASYGROVSKI, L.;  
STARZHINSKI, A.

Semiautomatic measuring instrument for processing pictures obtained  
in the bubble chamber and the Wilson chamber. *Frib. i tekhn. eksp.*  
6 no.2:68-72 Mr-Apr '61. (MIRA 14:9)

1. Tsentral'nyy issledovatel'skiy institut fiziki, Budapesht (for  
Fen'vesh, Gemeshi, Nemet, Shandor). 2. Institut yadernykh  
issledovaniy, Varshava (for Gasyorovski, Starzhinski).  
(Photography, Particle track)

FRANK, Kalman, dr.; GEMESI, Gyula, dr.

Giardiasis. Gyermekgyógyászat 10 no.11:338-344 N '59.

1. A Vas megyei Tanács „Markusovszky Lajos” kórháza (Igazgató: Cselko László dr.) Gyermekosztályának (Főorvos: Frank Kalman dr.) és a Vas megyei Kórház (Igazgató: Kneffel Pál dr.) parazitológiai laboratóriumának közleménye.

(GIARDIASIS in inf & child)

HUNGARY

FRANK, Kálmán, Dr, GEMÉDI, Gyula, Dr; Vas Megye Council Markosovszky Hospital (director: COELEO, Jászó, Dr), Pediatric Ward (Vas Megye Tanácsa Markosovszky Kórház, Gyermekosztály), and Public Health and Epidemiological Station of Vas Megye (director: KNEFFEL, Pál, Dr), Parasitological Laboratory (Vas Megyei Közegészségügyi Járványügyi Állomás, Parazitológiai Laboratórium).

"Fumagillin in the Treatment of Amebiasis in Children."

Budapest, Orvosi Hetilap, Vol 107, No 42, 16 Oct 66, pages 1994-1997.

Abstract: [Authors' Hungarian summary] Fumagillin, a new amebicidal antibiotic produced in Hungary, was used in the treatment of 100 children who were infested with *Eutamoeba histolytica*. After an average of 6 days of oral administration of the drug, 96 per cent of the cases were freed of the protozoa. No toxic damage whatsoever was observed in response to Fumagillin. 4 Hungarian, 15 Western references.

1/1

- 50 -

GEMESI, Gyula, dr.; PASZTHY, Otto, dr.

Ambulatory treatment of *Entamoeba histolytica* infection in children. Orv.hetil. 101 no.49:1750-1753 4 D'60.

1. Vas megye Tanácsa Közegészségügyi-Járványügyi Allomása és  
Vas megye Tanácsa Markusovszky Kórhaza Rendelőintézete Gyermekkész-  
krendelese.

(TETRACYCLINE ther)

(AMEBIASIS ther)



GÉMESI, J.

TERMESZET ES TECHNIKA  
NATURE AND ENGINEERING  
VOL. CX 1951  
• No. 4 April

J. Gémesi

..... Publisher

BT

GENESI, Jozsef; SZABO, Janos

University entrance examinations in physics. Fiz szemle 8 no.3:89-91  
Nr '58.

1. Eotvos Lorand Tudomanyegyetem Kísérleti Fizikai Intézete (for  
Genesi). 2. Eotvos Lorand Tudomanyegyetem Elméleti Fizikai Intézete;  
"Fizikai Szemle" szerkeszto bizottsagi tagja (for Szabo).

Genesi, Jozsef

Karoly Novobatsky's A fizikai megismeres uttoroi (Pioneers of  
Physical Knowledge); a book review. Magyar fizikai folyoir 8 no.4:  
355-356 '60. (EEAI 10:2)  
(Novobatsky, Karoly) (Physics)

GEMESI, Jozsef, fizikus, tudományos munkatárs

Protection against noise! Term tud kosl 7 no.6:245-248 Jo '63.

1. Építőanyagipari Kiosponti Kutatointezet, Budapest.

GEMESI, Jozsef

"Physics for engineers and scientists" by R.G. Fowler, D.I.  
Meyer. Reviewed by Jozsef Gemesi. Epitoanyag 15 no.7:274  
Jl '63.

CEMESI, Jozsef; VODROS, Daniel

Application of gamma-radiant isotopes for determining the  
humidity content of building materials. Epitoanyag 15 no.7:  
275-279 J1 '63.

GEMESI, Jozsef

Some questions on automated cement production in Hungary.  
Epitoanyag 16 no.1:16-17 Ja'64.

1. Epitoanyagipari Kozponti Kutato Intezet, Budapest.

VOROS, Daniel; GEMESI, Jozsef

Determination of moisture in building materials by means of radioisotopes. Energia atom 17 no.6:289-291 Je '64.

1. Research Institute of Medical Radiology, Hungarian Academy of Sciences and Central Research Institute of Building Materials Industry, Hungarian Academy of Sciences.



Distr: 4E3c/4E3d

Disintegration of a heavy, unstable particle in a Wilson cloud chamber // Ervin Penyves, Tibor Gémesy, and Károly Kántor (Magyar Tudományos Akad. Központi Fiz. Kutató Intérete, Budapest, Hung.). Magyar Tudományos Akad. Központi Fiz. Kutató Intézetének Közleményei 4, 277-8 (1966).—The penetrating showers of cosmic radiation were investigated with the aid of a Wilson chamber (diam. 30 cm., depth of the radiation 8 cm., 7 Pb plates each 6-mm. thick). One particle with nearly min. ionization entered at the height of the 4th plate, penetrated the next plate without any dispersion, and originated a nuclear reaction in the 6th plate. The mass of this particle was about 2400 m; the magnitude of its lifetime was  $10^{-10}$  sec. The phenomenon was probably the disintegration of a filled hyperon.

K. Kántor

GEMESY, I.

HUNGARY/Nuclear Physics - Cosmic Rays

C-7

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 27042

Author : Dohun Istvan, Gemesy Tibor, Sendor Tamas, Sonogyi Antal  
Inst : Not Given  
Title : Determination of the Ratio of the Number of Photons to the  
Number of Electrons in Extensive Cosmic Showers with the Aid  
of a Cloud Chamber.

Orig Pub : Magyar tud. akad. kozp. fiz. kutato int. kozl., 1957, 5, No 5,  
461-468

Abstract : The investigations were carried out with a cloud chamber having  
an effective transverse section of  $300 \text{ cm}^2$ , in which seven  
plates of lead  $33 \text{ mm}$  thick each were placed. The chamber re-  
gistered an extensive shower. During the interpretation of  
the resultant photographs, a count was taken both of the  
electrons entering into the chamber and of the electron pairs  
produced by the photons in lead. Taking into account the  
possible number of photons passing through the chamber with-  
out interacting, the ratio of the number of photons to the

Card : 1/2

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 27042

number of electrons was found to be  $n = 1.16$  for a photon  
with primary energy of 84 Mev. The resultant data have been  
compared with the results of other authors.

Card : 2/2

HUNGARY/Nuclear Physics - Cosmic Rays.

C

Abs Jour : Ref Zhur Fizika, No 9, 1959, 19886

Author : Dohan, I., Gemesy, T., Sandor, T., Somogyi, A.

Inst : Central Research Institute for Physics, Budapest, Hungary

Title : Determination of the Ratio of the Number of Photons and Electrons in Extensive Atmospheric Showers of Cosmic Radiation with the Aid of a Cloud Chamber.

Orig Pub : Acta phys. Acad. scient. hung., 1958, 9, No 1-2, 97-103

Abstract : Seven plates of lead with a total thickness of 33 mm were placed in a cloud chamber having an effective area of 300 cm<sup>2</sup>. The chamber was controlled by means of apparatus for extensive atmospheric showers. The primary electrons and the electron-positron pairs were counted. Taking into account the correction necessitated by the penetrating photons, the authors have obtained the ratio of the

Card 1/2

- 16 -

HUNGARY/Nuclear Physics - Cosmic Rays.

C

Abs Jour : Ref Zhur Fizika, No 9, 1959, 19886

number of photons to the electrons in extensive atmospheric showers, equal to  $1.16 \pm 0.04$ .

Card 2/2

GEMESY, T.; KANTOR, K.

Stereochart comparison unit. p.139

MAGYAR FIZIKAI FOLYOIRAT. Budapest, Hungary. Vol. 7, no. 2, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959

Uncl.

GEMESY, Tibor; SANDOR, Tomas; SOMOGYI, Antal

Investigation of the extensive air showers of cosmic radiation by the  
Wilson chamber. Koz fiz kozl MTA 8 no.1:3-6 '60. (ERAI 10:1)

1. Kozmikus Sugarsasi Laboratorium, a Magyar Tudomanyos Akademia  
Kozponti Fizikai Kutato Intezete.  
(Cosmic rays) (Cloud chamber)

GENESY, Tibor; HERING, Jeno

Stereo projector for evaluating bubble and cloud chamber  
photographs. Koz fiz kozl MTA 11 no.6:465-'69 '63.

T. GEMESY, A. SOMOGYI, G. VALAS

The density spectrum of Extensive Air Showers at very large densities

report submitted for the 8th Intl. Conf. on Cosmic Rays (IUPAP), Jaipur India,  
2-14 Dec 1963



3. 2410 (2205, 2705, 2805)

31525  
S/627/60/002/000/007/027  
D299/D304

AUTHORS: Gemezi, T., Shandor, T., and Shomogi, A.

TITLE: Study of extensive air showers by means of a cloud chamber

SOURCE: International Conference on Cosmic Radiation. Moscow, 1959. Trudy. v. 2. Shirokiye atmosferye livni i kas-kadnyye protsessy, 113-116

TEXT: A Wilson cloud chamber is used for verifying the results obtained by means of Geiger counters, and for an exact determination of the ratio of photons to electrons in extensive showers. A cylindrical cloud chamber was placed at the center of a square, at whose corners 4 Geiger counters were set up. Some provisional results were published by the authors earlier (in 1958). About 9000 photos were taken, at a rate of approximately 2.7 photos per hour; half of these photos were already processed. The ratio of photons to electrons was found to be  $\alpha = 1.13 \pm 0.03$ . There was good agreement between the experimental values and the theoretical values

Card 1/3

Study of extensive air ...

31525  
S/627/60/002/000/007/027  
D299/D304

based on cascade shower theory. The authors did not observe any substantial dependence of the photon-electron ratio on shower density, for a density range of 30 to 200 particles/m<sup>2</sup>. The transition effect was investigated by two methods. The transition curve obtained by the cloud chamber had no maximum, whereas the curves obtained by means of the Geiger counters had a noticeable maximum at approximately 7 mm. lead. There is no final explanation to this contradiction as yet. It may be due to the different experimental conditions, existing in the cloud chamber and the Geiger counters, respectively. The authors started recently a new series of measurements in order to verify this assumption. Another explanation could be the presence of low-energy electrons, recorded by the cloud chamber but not by the Geiger counters. This explanation is, however, not fully satisfactory. There are 3 figures, 1 table and 3 non-Soviet-bloc references. The references to the English-language publications read as follows: L. Jánosy, T. Sándor and A. Sömogyi. Acta Phys. Hung., 6, 455, 1957; A. Somogyi. Ibid., 7, 189, 1957; I. Dohán, T. Gémesy, T. Sándor and A. Somogyi. Ibid., 9, 97, 1958.

Card 2/3

Study of extensive air ...

31525  
S/627/60/002/000/007/027  
D299/D304

ASSOCIATION: Tsentral'nyy issledovatel'skiy institut fiziki Vengerskoy Akademii nauk (Central Research Institute of Physics Hungarian Academy of Sciences, Budapest)

4

Card 3/3

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514710014-8

GEMINOV, N. V.

DECEASED

Medicine

see ILC

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514710014-8"

GEMINOV, V.N.

FOGEL'SON, Ye.I., kandidat tekhnicheskikh nauk, dotsent; GEMINOV, V.N.,  
inzhener.

Method for determining the reduction gear ratio of planetary trans-  
missions; in connection with V.S.Savkev's article. (Vestnik mashino-  
stroeniia 27 no.3) Vest.mash.27 no.12:46-47 D '47. (MLRA 9:4)  
(Gearing) (Savkev, V.S.)

IVANOVA, I.S.; GERIMOV, V.M.

Elasticity criteria of heat resistant alloys. Zav. lab. 23 no.5:  
601-605 '57. (MLBA 10:8)

1. Institut metallurgii imeni A.A. Baykova Akademii nauk SSSR.  
(Heat resistant alloys--Testing) (Elasticity)

GEMINOV, V.N.

New data on the Ioffe effect. Priroda 46 no.9:118-119 8 '57.

(NINA 10:8)

1. Institut metallurgii im. M.A. Baykova Akademii nauk SSSR, Moskva.  
(Salt crystals)





SOV-26-58-3-3/51

AUTHORS: Oding, I.A., Corresponding Member of the AS USSR; Geminov  
V.N.

TITLE: Strength and Plasticity of Metals (Prochnost' i plastichnost'  
metallov)

PERIODICAL: Priroda, 1958, Nr 3, pp 17-25 (USSR)

ABSTRACT: The theory of the imperfection of the crystal lattice of  
metals, with stress on the aspect of dislocation and plastic  
flow, is related and applies to such processes and phenomena  
of metals as strength, hardening, mechanical aging, yielding,  
blue brittleness and creep. It is concluded that the theory  
of dislocation can be satisfactorily applied to many highly  
diverse phenomena that are observed in the process of plastic  
deformation and destruction of metals. Soviet physicists  
'Ya.I. Frenkel' and I.A. Oding have applied the idea of the  
notion of the vacancies and accumulations of imperfections  
in metals, arising from moving dislocations, to enumerate a  
series of measures for raising the durable strength of metals.

Card 1/2

Strength and Plasticity of Metals

SOV-26-58-3-3/51

There are 16 diagrams, 2 photos, 1 graph and 9 references,  
6 of which are Soviet, 1 German and 2 English.

ASSOCIATION: Institut metallurgii AN SSSR-Moskva (Institute of Metallurgy  
AS USSR-Moscow)

1. Metals--Mechanical properties
2. Metals--Deformation
3. Metals--Crystal structure

Card 2/2

ODING, N.A.; GEMINOV, V.N.

Some problems of plastic flow and phase transformation from the dislocation theory viewpoint. Trudy Inst.met. no.3:108-121 '58.

(MIRA 12:3)

(Deformations (Mechanics)) (Phase rule and equilibrium)  
(Crystal lattices)

KUCHINA, F.M.; MATROSOVA, T.V.; BORGEST, V.A.; ZAYDEL', A.N.; PEGROV, A.A.;  
STRELYAYEV, M.I.; GEMINOV, V.N.

Brief reports. Zav. lab. 24 no.8:958, 1034-1035 '58. (MIRA 11:8)

1. Kuznetskiy metallurgicheskiy kombinat (for Kuchina). 2.  
Leningradskiy gosudarstvennyy universitet (for Borgest,  
Zaydel', Pegrov). 3. Kuybyshevskiy inzhenerno-stroitel'nyy  
institut (for Strelyayev).  
(Chemistry, Analytical) (Metals--Testing)  
(Reinforced concrete--Testing)